



Core & Coil (71A) MH 175W - 450W

CORE & COIL HID MH BAL 175W M137/M152 480V/120T C&C

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

Product data

General Information					
ANSI Code	M137-M152				
Lamp Type	175W MH				
Number of Lamps	1 piece/unit				
Circuit Type	SUPER-CWA				
Ballast Type	Magnetic HID				
Base Model	71A5543TEE				
Core Size	3 X 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI533-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	11 MFD				
Capacitor Catalog Number	7C110M40				
Capacitor Requirements	370V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65 in				
Capacitor Height	3.75 in				
Automatic Restart	No				

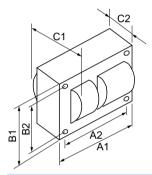
Operating and Electrical				
Input Voltage	480/120T V			
Input Frequency	60 Hz			
Input Current (Open Circuit)	0.44 A			
Input Current (Starting)	0.14 A			
Input Current (Short Circuit)	0.11-0.17 A			
Secondary Short Circuit Current	1.6-1.95 A			
Constant Wattage Deviation	10%			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	275 V			
Input Current (Nom)	0.44 A A			
Input Power (Nom)	198 W			
Rated Lamp Power	175 W			
Wiring				
Wire Striplength	0.5 mm			
Wire Length by Color	12"			
Wire Type	Stranded			
Remote Wiring Configuration Allowed	Yes			

Core & Coil (71A) MH 175W - 450W

Max Ballast-Lamp Distance Remote W	/iring 2'
Recommended Fuse Value	2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	250-300 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

Product Data	
Order product name	CORE & COIL HID MH BAL 175W M137/M152
	480V/120T C&C
EAN/UPC - Product	781087070277
Order code	913710665002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710665002
Net Weight (Piece)	4.750 kg

Dimensional drawing



MH BAL 175 M137/152 480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 175W M137/	4.20 in	3.10 in	3.9 in	3.5 in	2.8 in	2.4 in
M152 480V/120T C&C						



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2019, March 22 - data subject to change